Applicants: Gill, et al.

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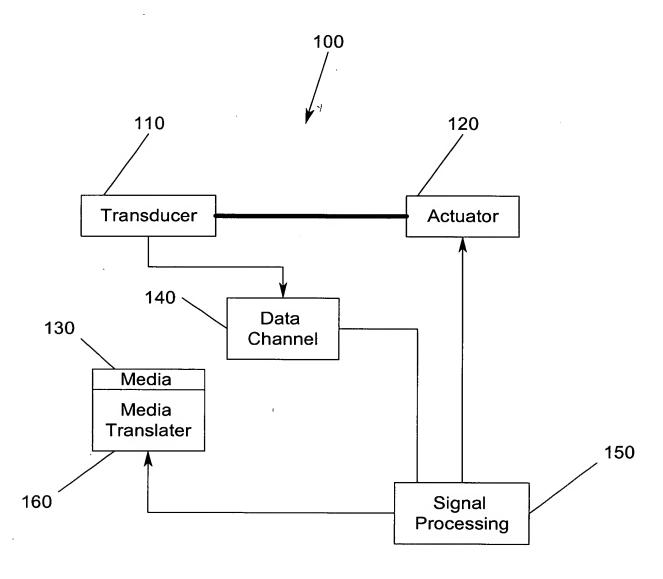
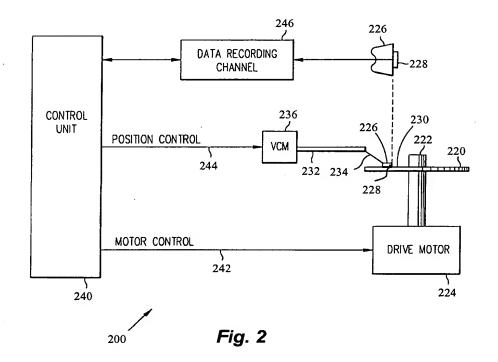


Fig. 1

Applicants: Gill, et al.

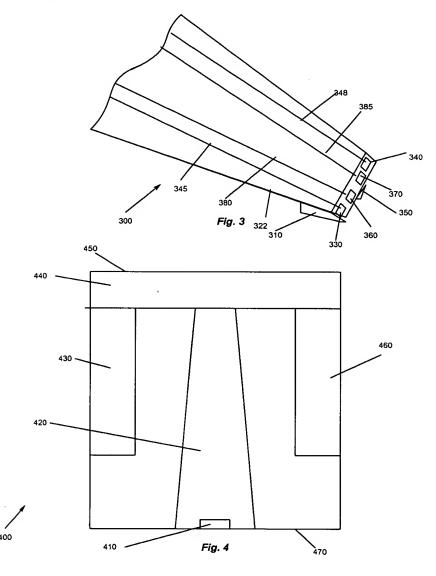
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THERMAL STABILITY, IMPROVING BIASING AND
REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE
IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING
SELF-PINNED LAYER EXTENDING UNDER THE HARD BIAS LAYERS
ADMINISTRATION OF THE HARD BIAS LAYERS Applicants: Gill, et al.

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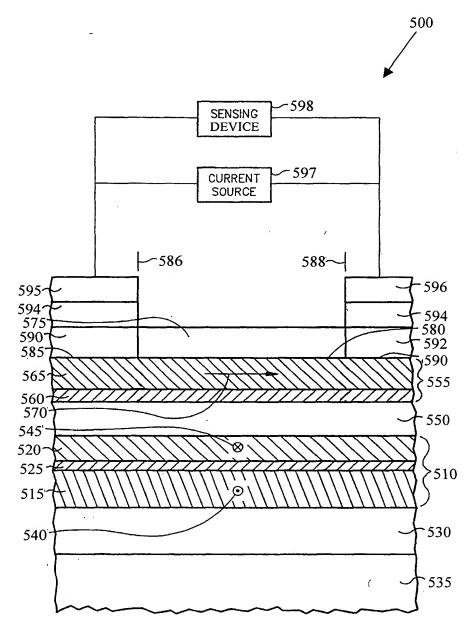


Fig. 5

600a

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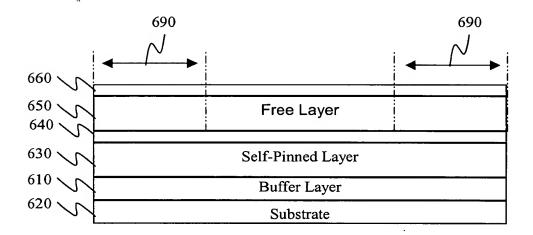


Fig. 6a

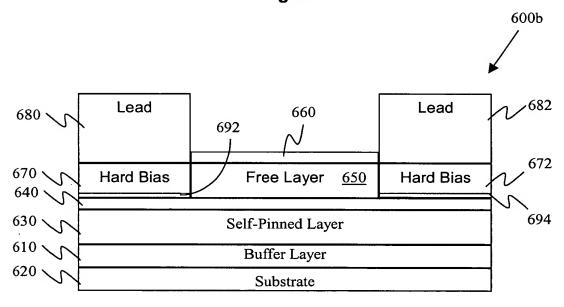


Fig. 6b

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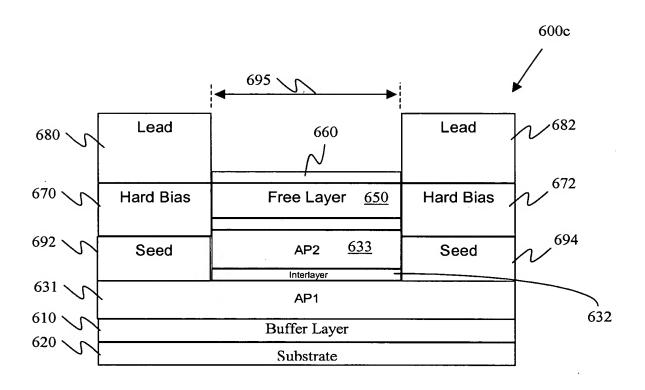


Fig. 6c

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Applicants: Gill, et al.
Docket: HSJ920030016US1/HITG.023PA Hard Bias Lead · 650 Self-Pinned Layer Free Layer 099 969 Hard Bias Lead Sheet 7 of 10 630 640 / **^029**

Fig. 6d

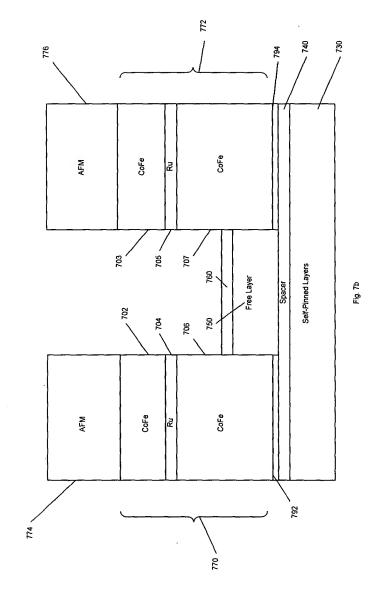
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THERMAL STABILITY, IMPROVING BIASING AND
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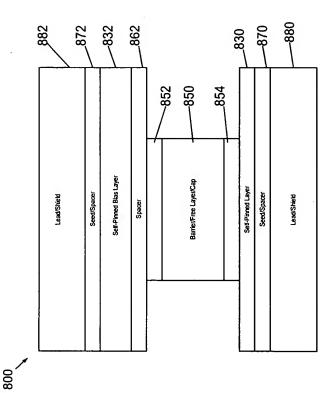


Fig. 8